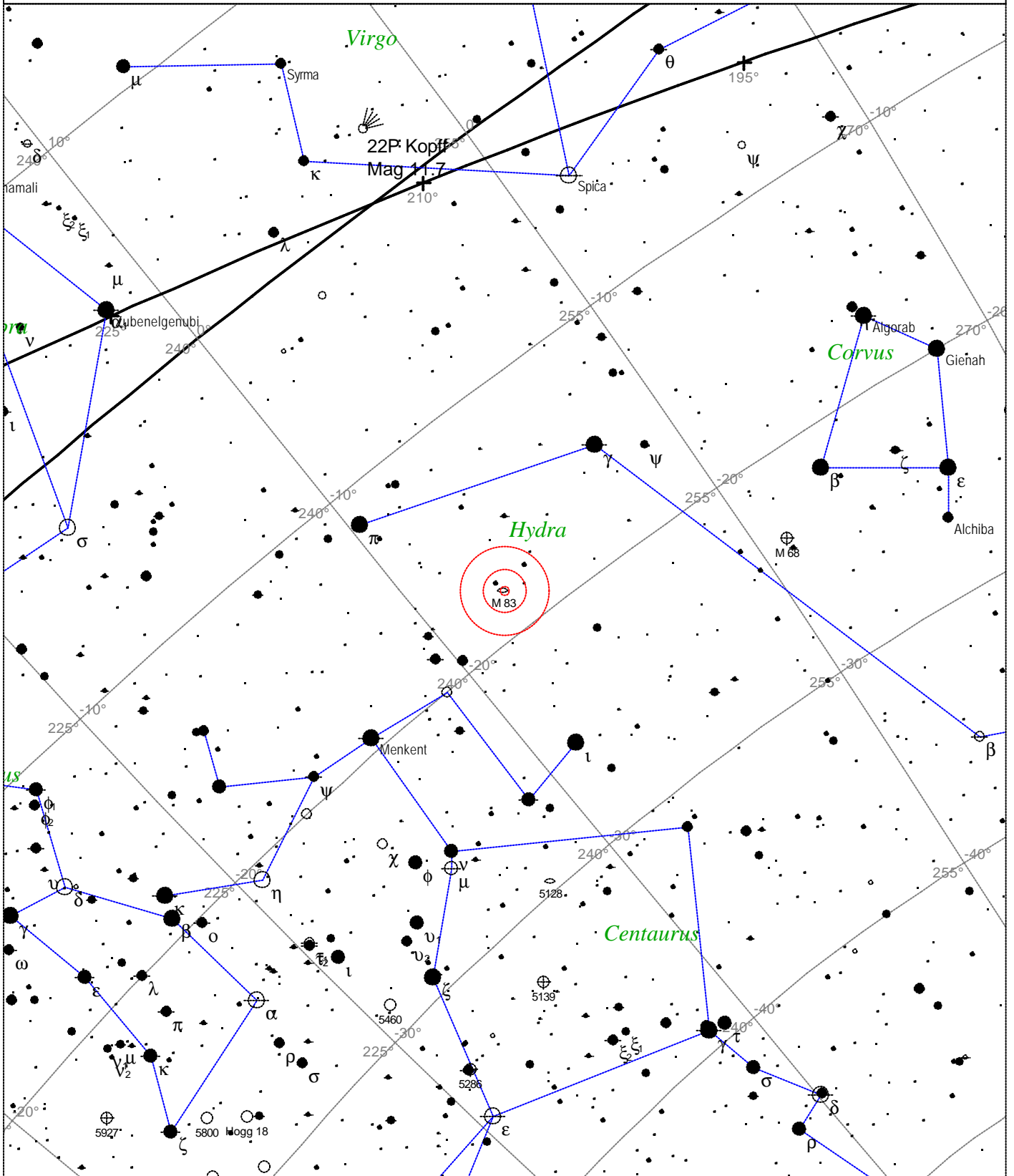


Messier 83 - Galaxy



<p>STARS</p> <ul style="list-style-type: none"> ● <3 ● 3.5 ● 4 ● 4.5 ● 5 ● 5.5 ● 6 ● 6.5 ● >7 	<p>SYMBOLS</p> <ul style="list-style-type: none"> ● Multiple star ○ Variable star ☄ Comet ☉ Galaxy □ Bright nebula □ Dark nebula ⊕ Globular cluster ○ Open cluster ♁ Planetary nebula ☉ Quasar △ Radio source × X-ray source ○ Other object 	<p><i>Messier 83 - Galaxy</i> Magnitude: 8.0 Surface brightness: 12.6 mag/sq arcmin Size: 13.1'x12.2' Right ascension: 13h 37m 7s Declination: -29° 52' 47" Constellation: Hydra</p>
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Local Time: 19:40:11 12-Sep-2002
 Location: 53° 27' 0" N 2° 31' 0" W

UTC: 19:40:11 12-Sep-2002
 RA: 13h37m07s Dec: -29° 52' Field: 45.0°

Sidereal Time: 18:56:39
 Julian Day: 2452530.3196